

FY 2004-06 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

New Jersey Department of Transportation Projects

<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Carteret Industrial Road	98547	98547

This project will address the upgrade of Carteret Industrial Road.

The federal Transportation Equity Act for the 21st Century (TEA-21) provided funding for this project under Section 1601, High Priority Projects Program. The Act allocated \$3.0 M for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$3,079,004.

COUNTY: Middlesex

MUNICIPALITY: Carteret Boro

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 19

SPONSOR: Local Lead

PROGRAM CATEGORY: Local Aid - Local Roadway Improvements

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	ERC	DEMO	\$2,079,004				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Helen Street, Antonett Street to Metuchen Road	NS9610	NS9610

Helen Street is a stub street in a section of South Plainfield that is zoned commercially. It is near Interstate 287 and connects to Durham Avenue, a major truck route, at its western terminus. The northern segment of Durham Avenue in South Plainfield is primarily residential and carries a large volume of truck traffic heading toward Route 22. This truck traffic causes safety and congestion problems for residents. South Plainfield wants to create a bypass that will divert trucks from its residential areas. It proposes to extend Helen Street by 3200 feet to the intersection of Metuchen Road. This would create an alternate route for trucks currently using Durham Avenue. The extension would cross the Dismal Swamp, Bound Brook, and adjoining wetlands. An analysis of the projects environmental impacts will be required. Alternatives such as extending Helen Street, extending Helen Street on a modified alignment, transportation demand management, and the "no build" option will be studied.

COUNTY: Middlesex

MUNICIPALITY: South Plainfield Boro

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 18

SPONSOR: South Plainfield Boro

PROGRAM CATEGORY: Local Aid - Local Roadway Improvements

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	DES	STP-NJ	\$1,900,000				
NJTPA	ROW	STP-NJ			\$500,000		
NJTPA	CON	TBD					\$8,065,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
CR 514 Woodbridge Center	00308	00308

This project is being sponsored by Middlesex County. The Department of Transportation will participate in the construction of a grade-separated interchange at the existing signalized intersection of Main Street (CR 514) and Woodbridge Center Drive in Woodbridge Township.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. The Department's share of this project is \$16,000,000. The remaining needs are listed below.

COUNTY: Middlesex

MUNICIPALITY: Woodbridge Twp.

MILEPOSTS: 33.60

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 19

SPONSOR: Middlesex County

PROGRAM CATEGORY: Local Aid - Local Roadway Improvements

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	STATE	\$4,000,000	\$4,000,000			

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ROUTE/PROGRAM	Project ID No.	TIP No.
1	6V, North of Ryders Lane to south of Milltown Road	9239

The project includes the total replacement of the deficient bridge on the existing alignment, plus approach roadway profile and vertical sight distance improvements, improvement of ramp geometry and reducing the number of bridge spans from five to one. No additional through lanes are proposed. The typical section will be three 12-foot lanes, a 12-foot auxiliary lane, a 3-foot inside shoulder, and a 12-foot outside shoulder in each direction, separated by a concrete barrier curb. Elimination of the railroad line under the bridge is an important element of the preferred alternative. Also included are geometric improvements and four traffic signals along parallel service roads on both sides of Route 1 within the project limits. This project is being designed to be bicycle/pedestrian compatible. In addition, safety conditions will be improved for bicycle/pedestrians along College Farm Road and Access Road.

Construction will be multi-year funded under the provisions of Section 13 of P.L. 1995, c.108. The anticipated construction cost is \$19,900,000.

COUNTY: Middlesex

MUNICIPALITY: North Brunswick Twp.

MILEPOSTS: 25.60 - 25.80

STRUCTURE NO.: 1202152

LEGISLATIVE DISTRICT: 17

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	ROW	STATE	\$5,000,000				
NJTPA	CON	STATE			\$11,300,000		
NJTPA	CON	TBD				\$8,600,000	

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ROUTE/PROGRAM	Project ID No.	TIP No.
1	7L, South of Pierson Avenue to North of Garden State Parkway	047 MD-8A

This project will provide for widening of Route 1 to three 12-foot lanes with a 3-foot inside shoulder and a 12-foot outside shoulder, or 13-foot auxiliary lane in each direction. Entrance and exit ramps will be added at Pierson Avenue, Grandview Avenue, Parsonage Road, and Ford Avenue to aid in the smooth flow of traffic. The bridge over Amboy Avenue will be replaced and the existing ramps will be upgraded. The bridge over the Conrail South Amboy Line will be replaced with a box culvert in anticipation of the development of a greenways trail. Pedestrian amenities (crosswalks, curb cuts, etc.) will be provided at Grandview Avenue, Parsonage Road, and Ford Avenue intersections with Route 1. Sidewalks (4-6 feet) will be provided at Amboy Avenue, Grandview Avenue, Parsonage Road, and Ford Avenue intersections with Route 1. The existing lanes on Amboy Avenue will be restriped to provide bicycle lanes. Fiber optic conduit will be installed to accommodate future ITS technologies. This project will be bicycle/pedestrian compatible where possible.

This is a multi-year funded project under the provisions of Section 13 of P. L. 1995, c.108. The anticipated construction cost is \$35,200,000.

COUNTY: Middlesex

MUNICIPALITY: Edison Twp. Woodbridge Twp.

MILEPOSTS: 31.86 - 34.78

STRUCTURE NO.: 1204150 1204151

LEGISLATIVE DISTRICT: 18 19 SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge and Roadway Preservation - Bridge and Roadway Rehabilitation

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	STATE	\$14,900,000	\$20,300,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
1 Conrail, North of Garden State Parkway to Green Street	047B	047B

The existing bridge over Conrail is functionally obsolete and in poor condition. The existing structure carries four 10-1/2 foot travel lanes with no shoulders. The new structure will carry six 12-foot travel lanes and two 12-foot shoulders. The roadway will be widened to provide three 12-foot through lanes and 12-foot shoulders or auxiliary lanes in each direction, as well as intersection improvements at Gills Lane/Woodbridge Center Drive.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. The total construction cost is \$28,747,964; the remaining needs are shown below.

COUNTY: Middlesex

MUNICIPALITY: Woodbridge Twp.

MILEPOSTS: 34.78 - 35.70

STRUCTURE NO.: 1204153

LEGISLATIVE DISTRICT: 19

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	NHS	\$18,380,000				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
1&9 1K 3M, Production Way to East Lincoln Avenue	048	048

Rehabilitation of existing Rahway River Bridge will provide new ramp connections between Routes 1&9 and Randolph Avenue, widening Route 1 to include auxiliary lanes/shoulders, and intersection improvements. This project will complete the overall improvements initiated with the new bridge over the Rahway River. This project will be bicycle compatible.

Construction will be multi-year funded under the provisions of Section 13 of P. L. 1995, c.108. The anticipated construction cost is \$23,700,000.

COUNTY: Middlesex Union

MUNICIPALITY: Rahway City Woodbridge Twp.

MILEPOSTS: 37.99 - 39.74

STRUCTURE NO.: 2001150

LEGISLATIVE DISTRICT: 22 19 SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge and Roadway Preservation - Bridge and Roadway Rehabilitation

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	NHS		\$8,300,000	\$15,400,000		

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
1&9 35 Interchange, South of interchange to Tappan Street	046B	046B

The existing structure is in very poor condition, has substandard underclearance, and is extremely functionally obsolete. The tight substandard radii of the existing ramps poses a serious safety problem (overturning) to trucks. In addition, the lack of acceleration/deceleration lanes results in dangerous traffic weave patterns. The obsolete cloverleaf interchange configuration will be replaced with a diamond interchange configuration, with vastly improved ramp geometries and acceleration/deceleration lanes. The project will also improve the drainage at Hudson Boulevard.

Construction will be multi-year funded under the provisions of Section 13 of P.L. 1995, c.108. The anticipated construction cost is \$19,500,000.

The Federal FY 2003 National Corridor Planning and Development Program provided funding of \$850,000 for this project.

The federal Transportation Equity Act for the 21st Century (TEA-21) provided funding for this project under Section 1601, High Priority Projects Program. The Act allocated \$5.25 M for Route 1 widening between Pierson Avenue and Inman Avenue. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$5,388,256.

COUNTY: Middlesex

MUNICIPALITY: Woodbridge Twp.

MILEPOSTS: 35.80 - 36.80

STRUCTURE NO.: 1205150

LEGISLATIVE DISTRICT: 19

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge and Roadway Preservation - Bridge and Roadway Rehabilitation

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	DEMO	\$1,400,000				
NJTPA	CON	NHS	\$5,600,000	\$12,500,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
9 35 25C 25L, Victory Circle Elimination	078B	078B

The existing Victory Circle will be eliminated, and the two Victory Circle bridges will be replaced with a single structure on new alignment. The existing bottleneck will be eliminated by widening Route 9 to three lanes in both directions at this location. This project was designed to be bicycle/pedestrian compatible.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. The total construction cost is \$13,400,000; the remaining needs are shown below.

COUNTY: Middlesex

MUNICIPALITY: Sayreville Boro

MILEPOSTS: 130.80 - 131.40

STRUCTURE NO.: 1209153 1209154

LEGISLATIVE DISTRICT: 19

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge and Roadway Preservation - Bridge and Roadway Rehabilitation

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	BRIDGE	\$6,000,000				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
18 2F 7E 11H, Route 1 to Northeast Corridor Amtrak Line north of Route 27	108	MD-87

The project will include roadway rehabilitation, reconstruction, and operational improvements via collector-distributor design on the same alignment to relieve congestion and improve safety and the flow of traffic. Included within the project are construction of a collector-distributor road, elimination of the grass median, installation of concrete barrier, safety upgrades, intersection and ramp improvements, reconstruction of four interchanges (George Street, Commercial Avenue, New Street and Route 27), two pedestrian overpasses and noise walls. This project will be bicycle/pedestrian compatible. There will be a continuous 12-foot multi-modal path on the northbound side along the corridor including ADA compliance pedestrian overpasses and underpasses. Bus turnouts, shelter areas, and pedestrian overpasses will facilitate transit access.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. The construction cost is anticipated to be \$141,110,000.

Structure Numbers: 1229150, 1214152, 1214151, 1237150, 1214411

COUNTY: Middlesex

MUNICIPALITY: New Brunswick City

MILEPOSTS: 40.60 - 42.52

STRUCTURE NO.: Various (See Descript.)

LEGISLATIVE DISTRICT: 17

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge and Roadway Preservation - Bridge and Roadway Rehabilitation

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	UTI	NHS	\$1,000,000				
NJTPA	CON	STATE		\$6,805,000	\$8,110,000		
NJTPA	CON	TBD				\$67,000,000	\$66,000,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
18 Ext. 2A, River Road to Hoes Lane Extension	115A	MD-66

A new connector road on new alignment from River Road to Hoes Lane Extension will consist of a 4-lane, limited-access roadway with grade-separated interchanges.

This project is a multiyear funded project under the provisions of Section 13 of P.L. 1995, c.108. The total construction cost is \$85,081,334; the remaining needs are shown below.

COUNTY: Middlesex

MUNICIPALITY: Piscataway Twp.

MILEPOSTS: 43.61 - 45.15

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 17

SPONSOR: NJDOT

PROGRAM CATEGORY: Strategic Mobility - Missing Links

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	NHS	\$37,000,000				

<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
27 Oak Tree Road/Green Street, Intersection Improvements	93227B	93227B

Intersection improvements will include additional lanes, turning lanes, auxiliary lanes, revised signalization and widening of Oak Tree Road and Green Street. This project will be bicycle/pedestrian compatible.

COUNTY: Middlesex

MUNICIPALITY: Woodbridge Twp.

MILEPOSTS: 25.00 - 25.20

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 18

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Management - Hwy Operational Improvements

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	NHS			\$2,660,000		

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ROUTE/PROGRAM	Project ID No.	TIP No.
27 South Plainfield Branch (Lake Avenue Bridge)	95102	95102

This project will provide for the replacement of the Lake Avenue (Route 27) bridge over the abandoned South Plainfield Branch. The new structure will provide for four travel lanes. A new traffic signal will be provided for the intersection of Route 27 and Lake Avenue which will be hard wired to a revised traffic signal at the Route 27 intersection with Amboy Avenue. This project will be bicycle/pedestrian compatible.

COUNTY: Middlesex

MUNICIPALITY: Metuchen Boro

MILEPOSTS: 21.55 - 21.61

STRUCTURE NO.: 1218152

LEGISLATIVE DISTRICT: 18

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	ROW	STATE	\$200,000				
NJTPA	CON	BRIDGE			\$3,110,000		

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
35 12T, Victory Bridge over Raritan River	178	178

The existing deficient swing bridge will be replaced with a high-level, fixed structure. The existing structure carries four 9 1/2-foot travel lanes with no shoulders. The new structure will carry two 12-foot travel lanes with 10-foot right shoulder and 3-foot inside shoulder in each direction. This project also involves construction of a Hess Access Road, which is a continuation of a connector road from Perth Amboy to the Victory Bridge. This project will be bicycle/pedestrian compatible.

This is a multi-year project under the provisions of Section 13 of P.L. 1995, c.108. Total construction cost is \$120,000,000; the remaining needs are shown below.

COUNTY: Middlesex

MUNICIPALITY: Perth Amboy City Sayreville Boro

MILEPOSTS: 51.10 - 52.48

STRUCTURE NO.: 1223150

LEGISLATIVE DISTRICT: 19

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	BRIDGE	\$55,000,000	\$37,000,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
130 Mae Brook Bridge, replacement	99303	99303

This project will provide for the replacement of the failed original section of the Mae Brook Culvert (Branch of Lawrence Brook) and the rehabilitation of the remaining section. The rehabilitation will be limited to patching the spalled areas and epoxy injection or pressure grouting of cracks in the existing culvert walls. There are no existing sidewalks within the project limits. The County of Middlesex has indicated they have no plans for bicycle facilities within the project vicinity. The work will not include permanent modifications to the existing roadway and/or the existing status of pedestrian/bicycle compatibility within or adjacent to the project area.

COUNTY: Middlesex

MUNICIPALITY: North Brunswick Twp.

MILEPOSTS: 80.30

STRUCTURE NO.: 1227160

LEGISLATIVE DISTRICT: 17

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	ROW	NHS	\$400,000				
NJTPA	CON	NHS		\$1,850,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
440 High Street Connector	99379	99379

This project will address connector ramps and roadway system linking the Perth Amboy waterfront redevelopment area and Route 440.

COUNTY: Middlesex
MUNICIPALITY: Perth Amboy City
MILEPOSTS: 3.90 - 4.20
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 19 SPONSOR: Perth Amboy
PROGRAM CATEGORY: Strategic Mobility - Missing Links

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	ROW	STATE		\$1,300,000			
NJTPA	CON	TBD				\$10,800,000	